IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) Process for constructing databases for digital television services, wherein it comprises:

a) - ~~a step of~~ tuning by the tuner a carrier frequency;

b) - ~~a step of~~ filtering by a demultiplexer the signal received by the tuner tuned to a given carrier frequency;

c) - ~~a step of~~ extracting ~~the~~ data representing the information table of the current network from the received signal;

d) - ~~a step of~~ storing in a table ~~the~~ a trio of information items constituted by the information table, the carrier frequency, and an identifier;

e) - ~~a step of~~ extracting the data representing the service table;

f) - ~~a step of~~ storing the trio constituted by the service table, the frequency of the carrier and the identification of the SDT service table;

g) – searching by the tuner for the next carrier frequency; and

h) - repeating steps b) to f) until the whole of the frequency span has been swept.

2. (Previously Presented) Process according to Claim 1, wherein it comprises a step of compressing the data thus obtained.

3. (Currently Amended) Process according to Claim ~~1~~ 2, wherein the compression step uses a key for storage in a section of the database which is also stored with the information, the said key derived from the carrier frequency.

4. (Currently Amended) Process according to Claim 1, ~~wherein it furthermore includes, g) – a step of searching by the tuner for the next carrier frequency and repetition of steps b) to f) until the whole of the frequency span has been swept~~

further including the step of interrogating, for a given carrier frequency (cf) the content of the database so as to extract therefrom the service information table.

5. (Currently Amended) Use of the process according to Claim ~~1~~ 2 in a services installation procedure, ~~wherein it consists~~ further including the steps of:

~~in~~ interrogating, for a given carrier frequency the content of the database so as to extract therefrom the service information table;

- ~~a step of~~ decompressing the network information table and the SDT service table;

- ~~a step of~~ dispatching this information to buffers for use by the decoder.

6. (Previously Presented) Use of the process according to Claim 1 in a procedure for maintaining the database section, wherein it consists in running the database construction procedure for a given carrier frequency and in verifying that the version of the network information tables obtained by the procedure is higher than the version recorded in the database and in this case in storing the trio in compressed form.

7. (Currently Amended) Receiver of digital television transmissions comprising:

a memory,

means ~~of reception making it possible to filter and to extract from a signal transmitted on a carrier frequency,~~ for scanning and extracting by a tuner on a whole of a frequency span of data representing the network information table and service information table, wherein the memory contains a database containing at least one trio of information items constituted by an information table, the carrier frequency corresponding to the network whose information table is extracted, and an identifier of the table, and a second trio of information items constituted by the extracted service information table, the frequency of the carrier and the identification of the SDT service table; and ~~in that it furthermore comprises~~ further comprising:

means for updating ~~the data of~~ the database;

means for injecting the tables into the interface of the application program of the demultiplexer so as to select the filter appropriate to the desired channel; and

means for copying into the MPEG stack of the operating system the database data provided for a given carrier frequency.

8. (Previously Presented) Receiver according to Claim 7, wherein the selected table segment is injected by injection means into the buffer of the channel of the decoder constituting an MPEG stack.

9. (Currently Amended) Receiver according to Claim 7, wherein ~~the database comprises the compressed data of the network information table, the frequency of the carrier and an identifier;~~

~~the compressed data of the SOT services table, the frequency of the carrier and an identifier~~ at least, the data of the network information table (NIT) and the data of the service data table (SDT) are stored compressed in the database.